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Approved For Release 2001/03/06 : CIA-RDP78B04747A000400030001-4

NPIC/TDB/A-3/66

1 September 1965

TECHNICAL DEVELOPMENT BOARD

AGENDA

Declass Review by
NIMA/DOD

Time: 0900, 8 September 1965

Place: 4N 412

1. Announcements

a. Approval of Minutes

25X1A

██████████ has requested that beginning with Paragraph 4-a line 5 the minutes of 4 August read as follows:

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██████████ explained to the members that he had expressed to ██████████ the PAG feeling that more money and effort should be devoted to short term requirements, and that NPIC should also take advantage of equipment now coming on the shelf whether or not its development was NPIC sponsored. Information concerning these items of equipment frequently becomes known to P&DS personnel during their visits to contractors. PAG requests that the P&DS Staff make the necessary effort to insure that PAG is made aware of the potential of these new tools for the Photographic Interpreter. ██████████

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██████████ also stated that he felt that more effort should be devoted to the satisfaction of these short term requirements even if this might result in less effort on long-range projects."

b. Proposals

(1) New: The proposals listed below are available for reading in the Plans and Development Staff for anyone interested in them.

25X1A

3/66 Specifications of a Chip Format Printer, ██████████

25X1A

4/66 Proposal for Research in Microdensitometry, ██████████

25X1A

5/66 Image Enhancing Microscope, ██████████

25X1A

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6/66 A Superimposition Viewer Change Detector, ██████████

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GROUP 1
Excluded from automatic
downgrading and
declassification

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2. Old Business

- a. NPIC Position on Photo Chip System (P&DS paper attached)

3. New Business

25X1A

- a. Linear Phasolver Technique Study, [REDACTED]

25X1A

- b. Contact Chip Printer, [REDACTED]

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- c. Advanced Light Tables - Prototype, [REDACTED]

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R & D CATALOG FORM

DATE 1 September 1965

1. PROJECT TITLE/CODE NAME Contact Chip Printer		2. SHORT PROJECT DESCRIPTION Design, fabricate and test a high resolution contact printer 4" X 5" cut film stock. 25X1A	
3. CONTRACTOR NAME [REDACTED]		4. LOCATION OF CONTRACTOR [REDACTED] 25X1A	
5. CLASS OF CONTRACTOR Manufacturer		6. TYPE OF CONTRACT Fixed Price (Redeterminable) 25X1A	
7. FUNDS 64 FY 1965 \$ [REDACTED] FY 1966 \$ [REDACTED] FY 19 \$		8. REQUISITION NO. 5500-2778-64	
		9. BUDGET PROJECT NO. NP-RT-4	
		10. EFFECTIVE CONTRACT DATE (Begin - end) June 1964 - December 1966	
		11. SECURITY CLASS. A. A. - Confidential T. - Unclassified W. - Unclassified	
12. RESPONSIBLE DIRECTORATE/OFFICE/PROJECT OFFICER TELEPHONE EXTENSION DDI/NPIC/P&DS/[REDACTED]/2477 25X1A			
13. REQUIREMENT/AUTHORITY The practice of using film chips cut from duplicate roll film stock for mensuration and photo analysis has led to the development of a contact printer which will produce, on cut film stock, a standard size image area containing all the necessary parameters for mensuration, storage and retrieval.			
14. TYPE OF WORK TO BE DONE Engineering Development			
15. CATEGORIES OF EFFORT			
MAJOR CATEGORY Reproduction Techniques and Materials		SUB-CATEGORIES Processors/Printers	
16. END ITEM OR SERVICES FROM THIS CONTRACT/IMPROVEMENT OVER CURRENT SYSTEM, EQUIPMENT, ETC. The end result of this development effort will be a prototype specific format contact chip printer, a final report, design drawings and training.			
17. SUPPORTING OR RELATED CONTRACTS (Agency & Other)/COORDINATION The only known related contract for similar equipment was one by USAF (RADG) in 1962 for the development of a prototype 70 X 100 mm chip printer in 1962. This instrument, for all practical purposes, was a breadboard model upon which considerable effort has been expended without any practical results. (Continued)			
18. DESCRIPTION OF INTELLIGENCE REQUIREMENT AND DETAILED TECHNICAL DESCRIPTION OF PROJECT (Continue on additional page if required) This development effort was established to build the contact chip printer necessary for printing high-resolution contact prints of specific target areas for analysis and mensuration. Phase I - the investigative, study and design phase has been completed. Under Phase I, several additions and changes were introduced as the design progressed. The initial funding of [REDACTED] was to cover both Phase I and Phase II - fabrication, installation and training. However, due to those design changes in Phase I, which affect the fabrication in Phase II, (continued)			
19. APPROVED BY AND DATE OFFICE		DEPUTY DIRECTOR DDCI 25X1A	

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R&D CATALOG FORM (Continued)

Contact Chip Printer

17.

Coordination has been effected with Headquarters USAF (DDR&E) and RADC on this effort to insure no unnecessary duplication. This project was carried under the FY-65 Catalog as NP-R-1.

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additional funding in the amount of [REDACTED] is required (reference memorandum P&DS/236-64, dated 18 December 1964 to Chief, Support Staff, NPIC, Subject: Proposed changes - Contract 825, Phase I, Project 4014 and memorandum P&DS/241-64, dated 23 December 1964 to Chief Support Staff, NPIC, Subject: Investigation of Additional Technical Areas, Contract 825, Project 4014). Specific changes involved include:

- a. Chip Ejection Mechanism and Magazine Loading
- b. Data Recording
- c. Magnified Image and Photo-cell pick-off
- d. Parity
- e. Security Classification Fonts
- f. Teletype

Additionally, several changes were requested which are being incorporated at no cost to the Government. The above changes will extend the delivery date to thirteen months after commencement of Phase II.

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